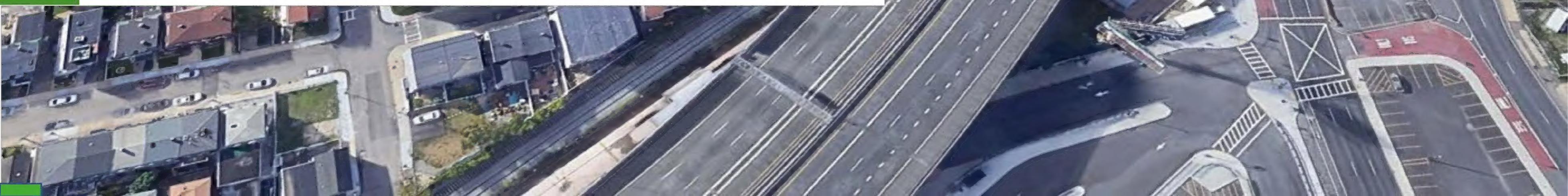




# Maffa Way & Mystic Ave. over MBTA Orange Line and Commuter Rail

*Bridges Nos. B-16-067 and  
B-16-068=S-17-028*

Virtual Public Hearing | Wednesday, March 2, 2022 | 6:00 p.m. – 8:00 p.m.  
Project File No. 607670



# Zoom controls



- Listen in Chinese (Mandarin), Haitian Creole, Spanish



- Drop down menu to check microphone and speakers



- Ask a question and share comments



- Raise your hand



- If you are unable to access the internet or are having technical problems, please call into the meeting at 833-548-0276 Webinar ID: 835 6928 7857



If you have trouble with the hearing technology during the presentation, please call:

1-888-799-9666

Closed captioning automatically generated by Zoom



# Public meeting notes and procedures

## Notification of recording

- This virtual public meeting will be recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, still images, audio, and/or chat transcript.
- By continuing attendance with this virtual public meeting, you are consenting to participate in a recorded event.
- All recordings and chat transcript will be considered a public record.
- If you are not comfortable being recorded, please turn off your camera, keep your microphone muted, and refrain from chatting in the transcript box. Otherwise, you may choose to excuse yourself from the meeting.

## Important notes

- Your microphone and webcam are automatically disabled upon entering the meeting.
- The meeting will be open to questions and answers at the end of the presentation.
- Please take time to respond to our survey at the end of the presentation. Your feedback is important.

**All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments.**

# Introduction

**Project Manager:**

Alwin Ramirez

**District 6 Representative:**

Erin Kinnahan

**MassDOT Right of Way Representative:**

Derrick Roma

**Stenographer:**

David Fraser

**MassDOT Producers:**

Hung Pham & Roy Kirwa

**Design Team (Pare Corporation):**

Greg Berube & Amy Archer

**Interpreters**

**Spanish:** Micaela Yang & Maria Camila Vera Arias

**Mandarin:** Yan Wu

**Haitian Creole:** Joanne Auguste

# Public Hearing Notification

MassDOT is committed to providing multiple options for members of the public to learn about public hearings to increase participation.

- This hearing was noticed by the following means:
  - Inclusion on the MassDOT hearing calendar website
  - Notice run in the following newspapers:
    - *Charlestown Patriot* – February 17
    - *Somerville Journal* – February 24
  - Social Media
    - Twitter 
    - Facebook 



In #Boston #Somerville, virtual design public hearing on Superstructure Replacement of Maffa Way & Mystic Ave over Orange Line and MBTA/BMRR project, Wednesday 3/2, 6pm. To join:

## SOMERVILLE JOURNAL

MAFFA WAY & MYSTIC AVENUE OVER ORANGE LINE AND MBTA/BMRR PROJECT  
LEGAL NOTICE  
THE COMMONWEALTH OF MASSACHUSETTS  
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION – HIGHWAY DIVISION  
NOTICE OF A PUBLIC HEARING  
Project File No. 607670

A Live Design Public Hearing will be published on the MassDOT website below to present the design for the proposed Superstructure Replacement of Maffa Way & Mystic Avenue over Orange Line and MBTA/BMRR project in Boston and Somerville, MA.

WHEN: Time:  
6:00PM  
Wednesday, March 2, 2022

PURPOSE: The purpose of this hearing is to provide the public with the opportunity to become fully acquainted with the proposed Superstructure Replacement of Maffa Way & Mystic Avenue over Orange Line and MBTA/BMRR. All views and comments submitted in response to the hearing will be reviewed and considered to the maximum extent possible.

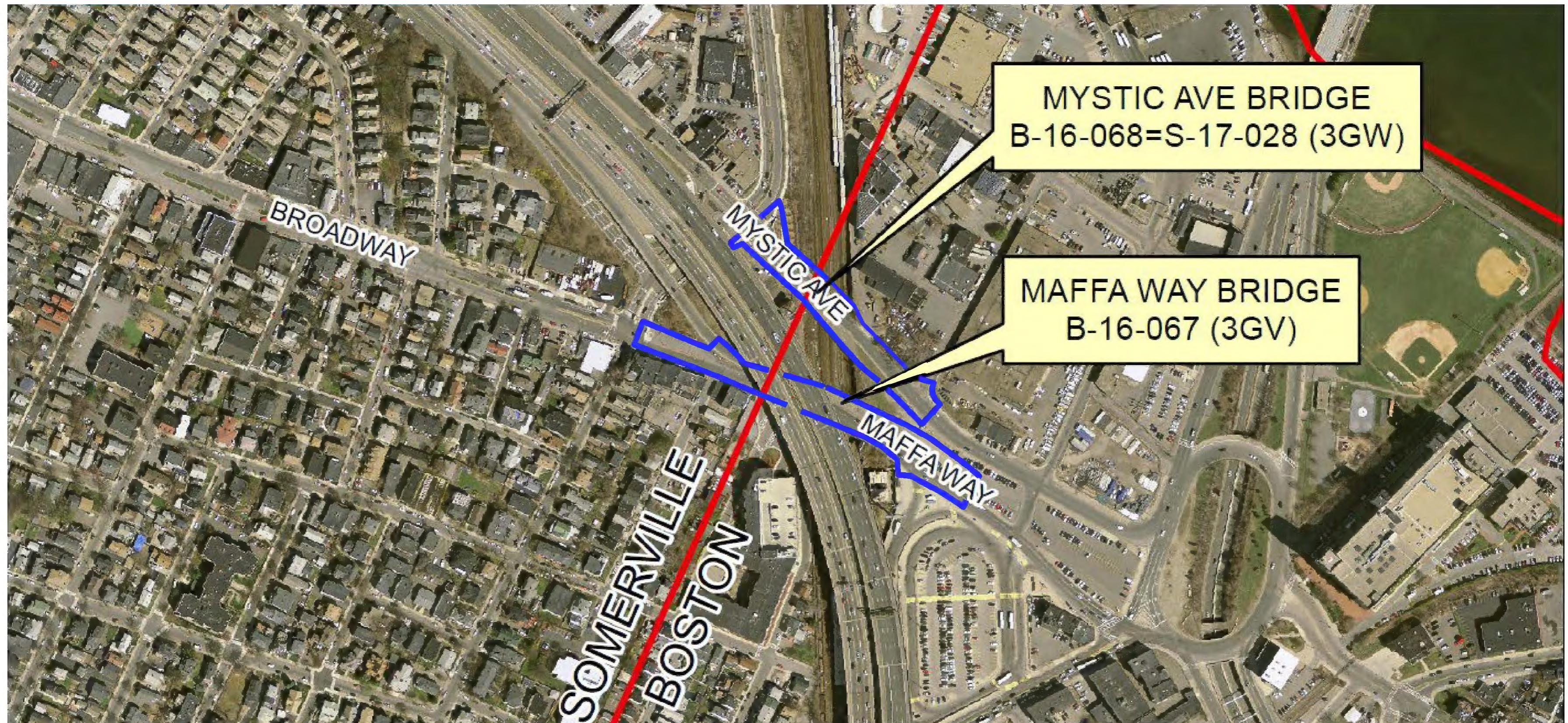
PROPOSAL: The proposed project consists of Boston-Somerville- Superstructure Replacement of, B-16-067 (3GV), Maffa Way & B-16-068=S-17-027 (3GW), Mystic Avenue over Orange Line and MBTA/BMRR. Maffa Way will consist of a 12' sidewalk on the southside of the bridge with a 10'wide 2 way Bicycle lane and a raised concrete median. Mystic Ave. will consist of a 12' sidewalk on the northside of the bridge that will be shared by pedestrians and bicyclists, separated by a 1.5' wide visual buffer.

# Agenda

- 1 Project History**
- 2 Project Needs**
- 3 Project Objectives**
- 4 Alternatives Considered**
- 6 Impacts to the Community**
- 7 Design Build Approach**
- 8 What Next?**
- 9 Questions & Discussion**



## Project Location



# How did we get here?

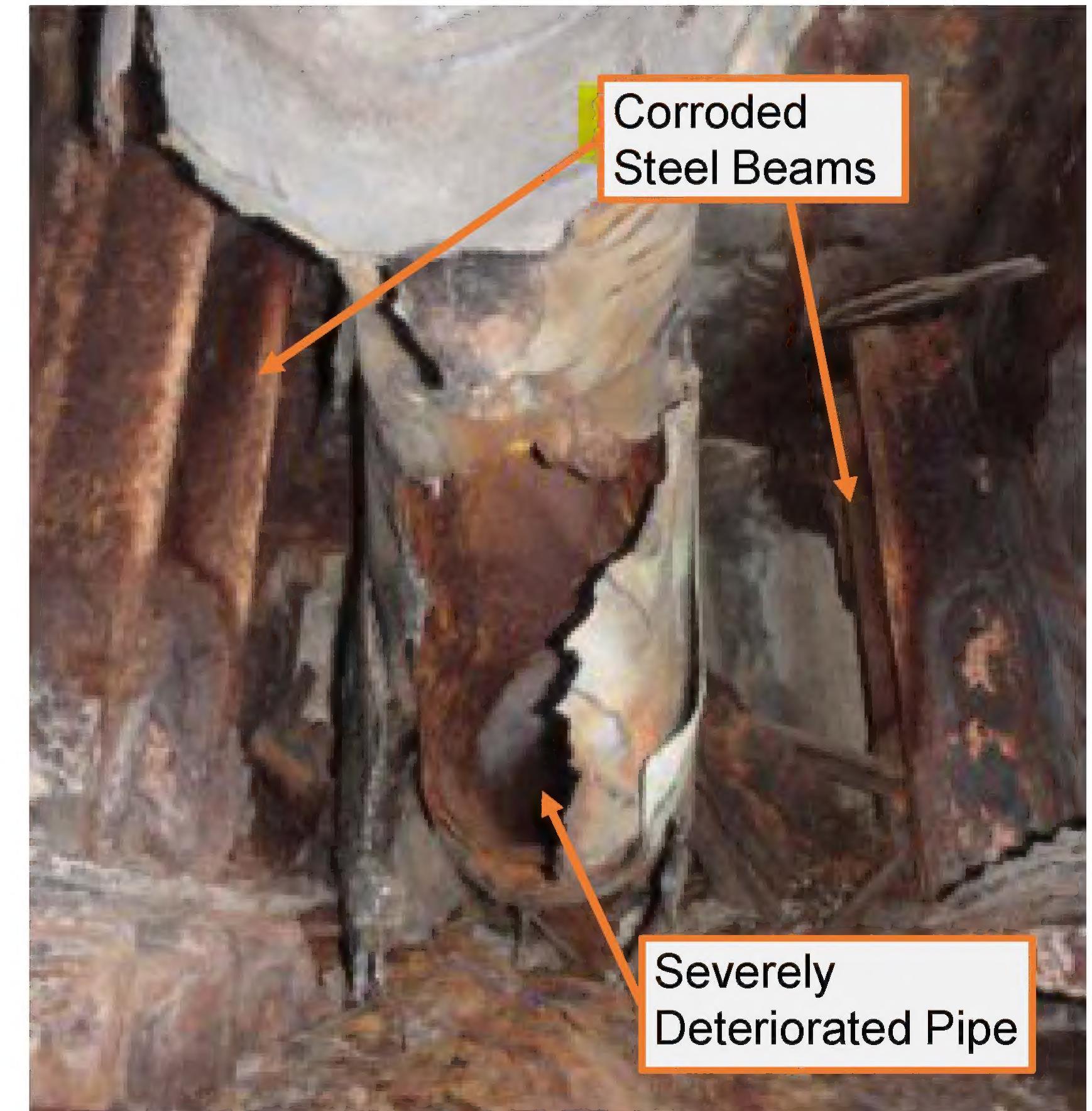
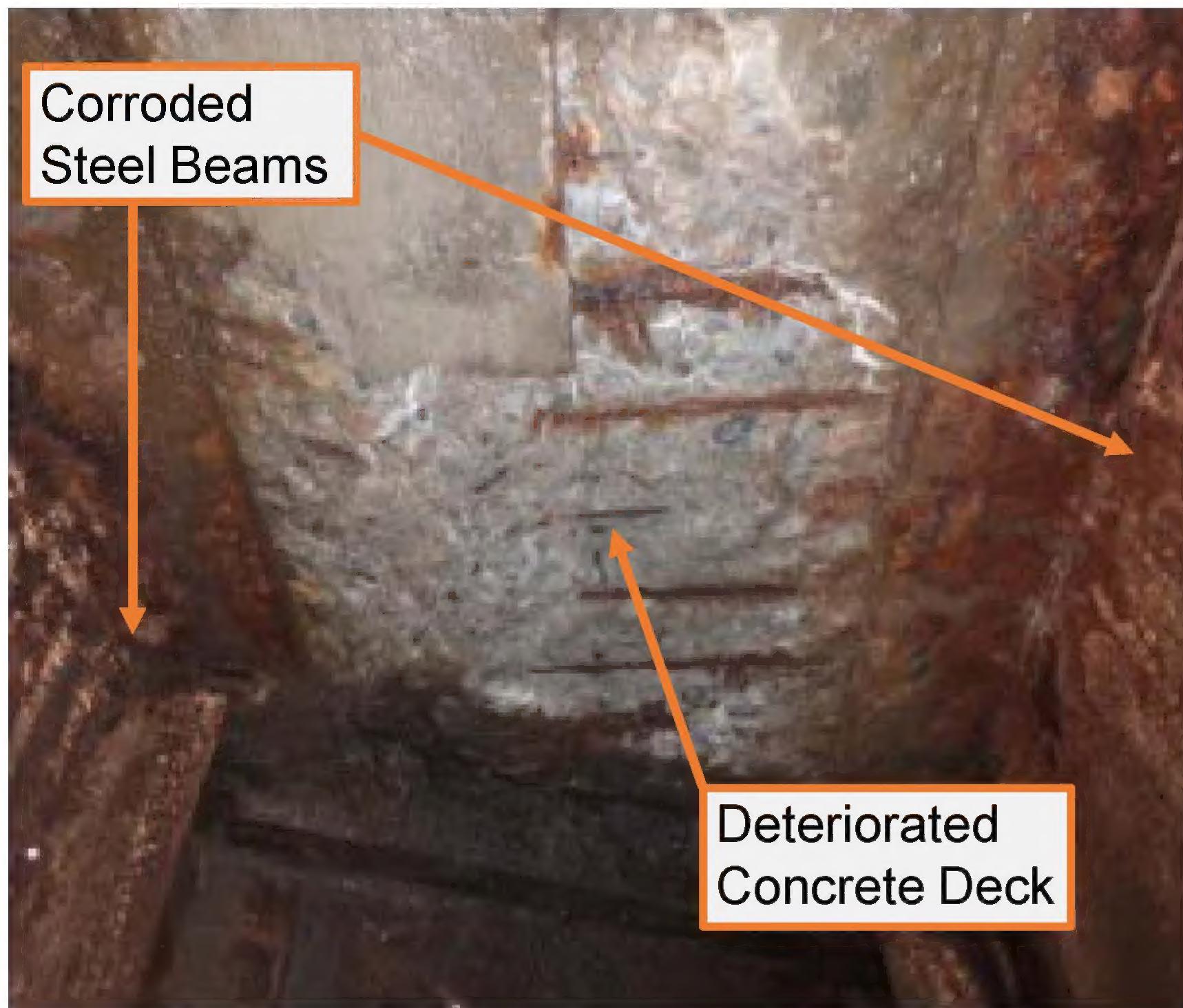




**Why was this  
project  
initiated?**

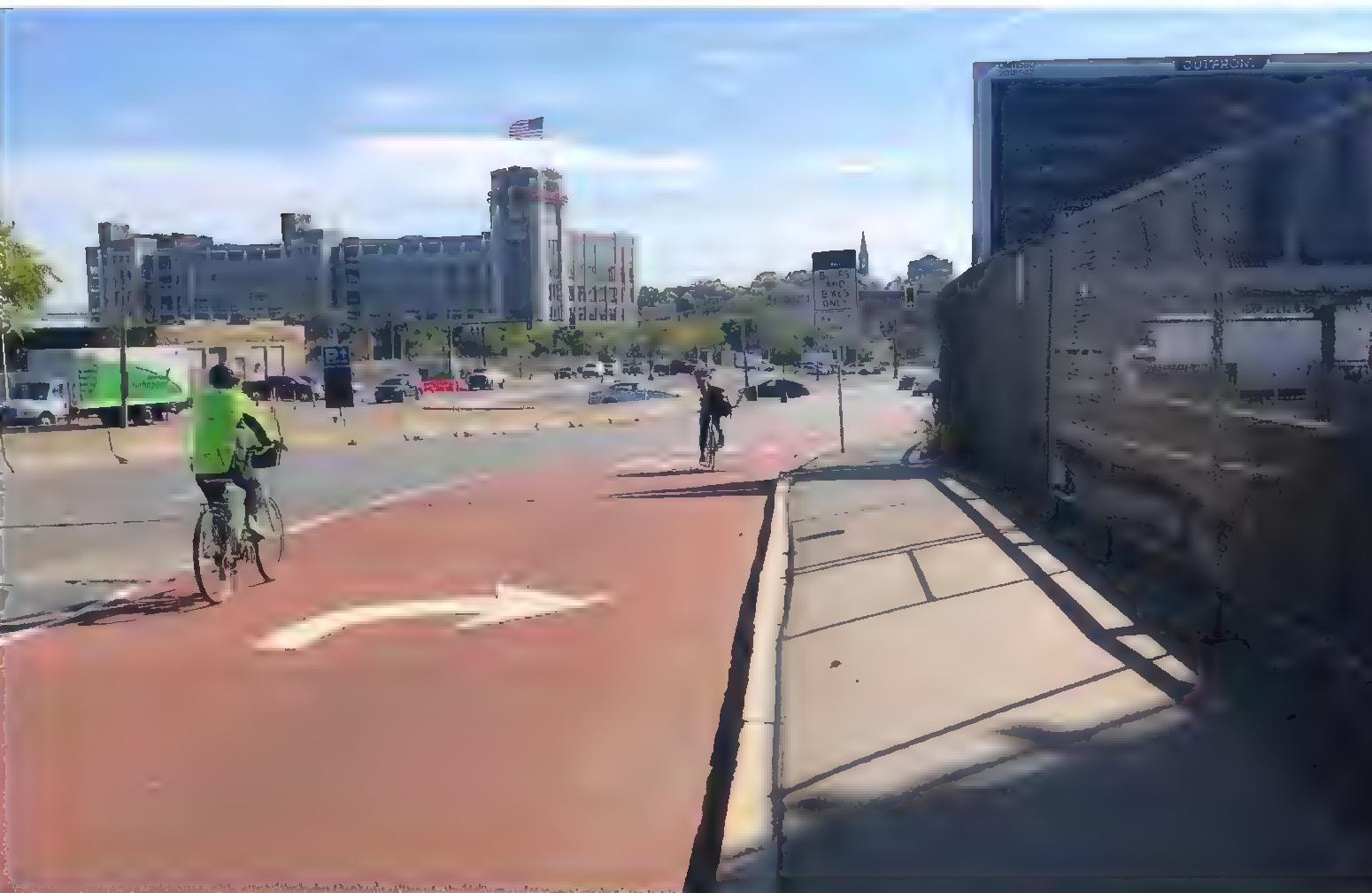
## Existing Issues

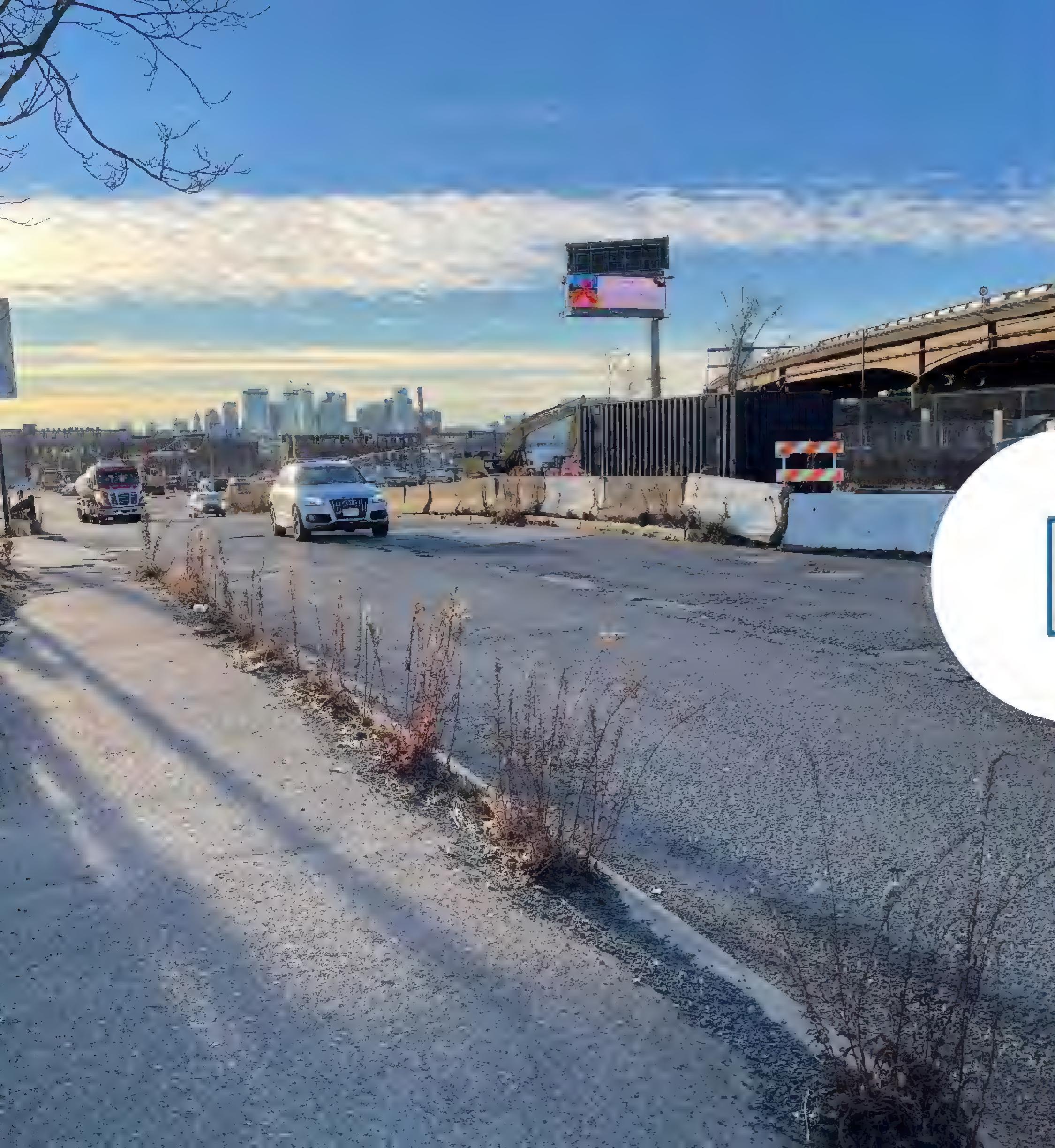
- Bridges are Structurally Deficient



# Existing Issues

- Pedestrian and Bicycle Safety
  - Lack of bicycle accommodations across both bridges.
  - Inadequate pedestrian accommodations for new and proposed development in Sullivan Square and Assembly Square.





**What do we  
want to  
accomplish?**

# Project Goals

- Address Structural Deficiencies
  - Replace both bridge superstructures with new, code compliant and low-maintenance bridges
- Address Traffic Capacity and Multimodal Accessibility
  - Maintain general purpose travel lanes on each bridge
  - Provide separate bicycle accommodations
  - Improve sidewalks
  - Maintain the existing bus lane on Maffa Way
- Integrate with Future Projects
  - Rutherford Avenue improvements
  - Private developments
  - Assembly Square completion



**What  
alternatives  
were  
considered?**

# Design Alternatives

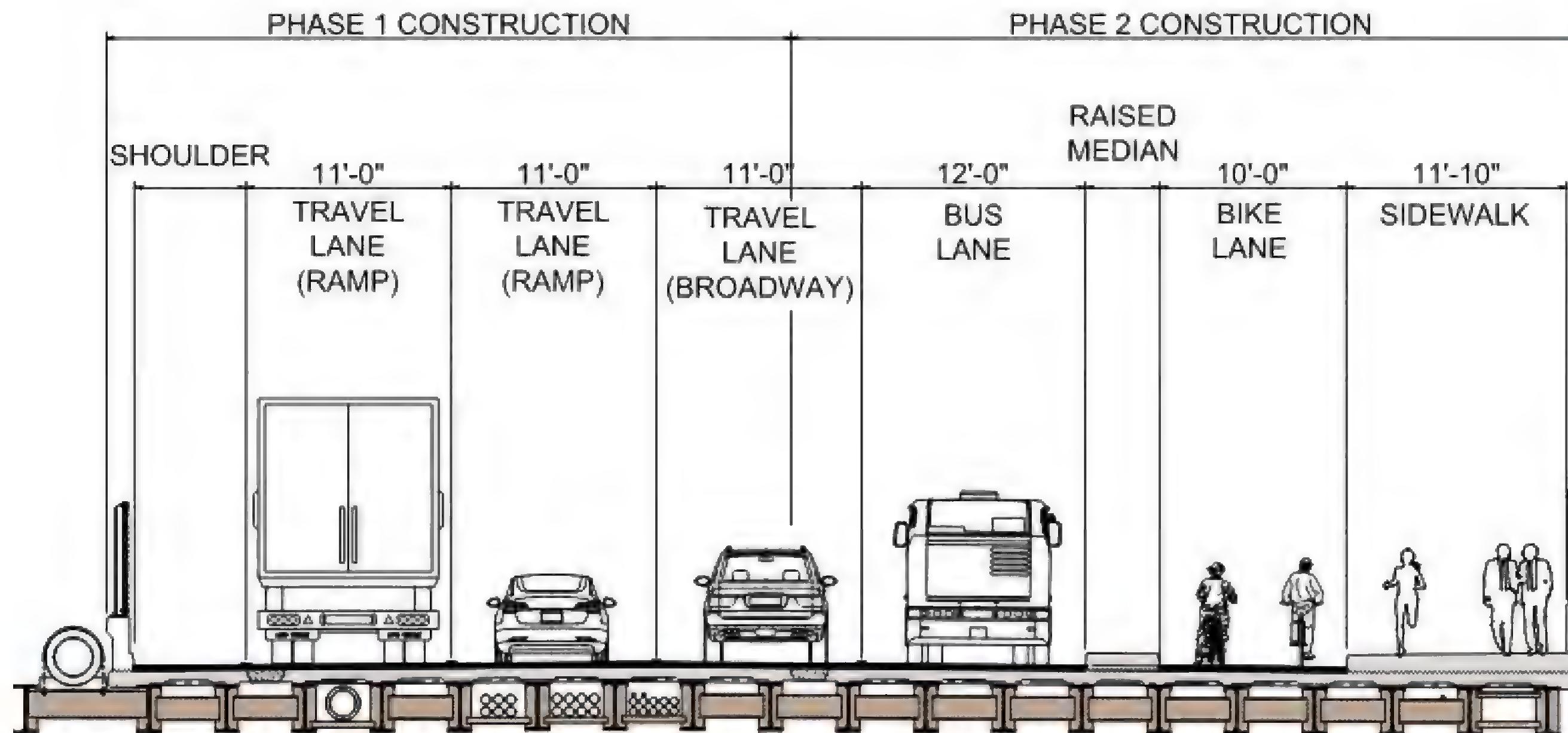
- Bridge Superstructure Types Considered
  - Prestressed concrete beams
  - Steel beams
- Roadway Improvements
  - Dedicated bike lanes vs. shared sidewalks
  - Vehicle lane configuration / dedicated bus lane
  - Project terminus and tie-in to adjacent projects
  - Constrained by Proposed Rutherford Avenue Project



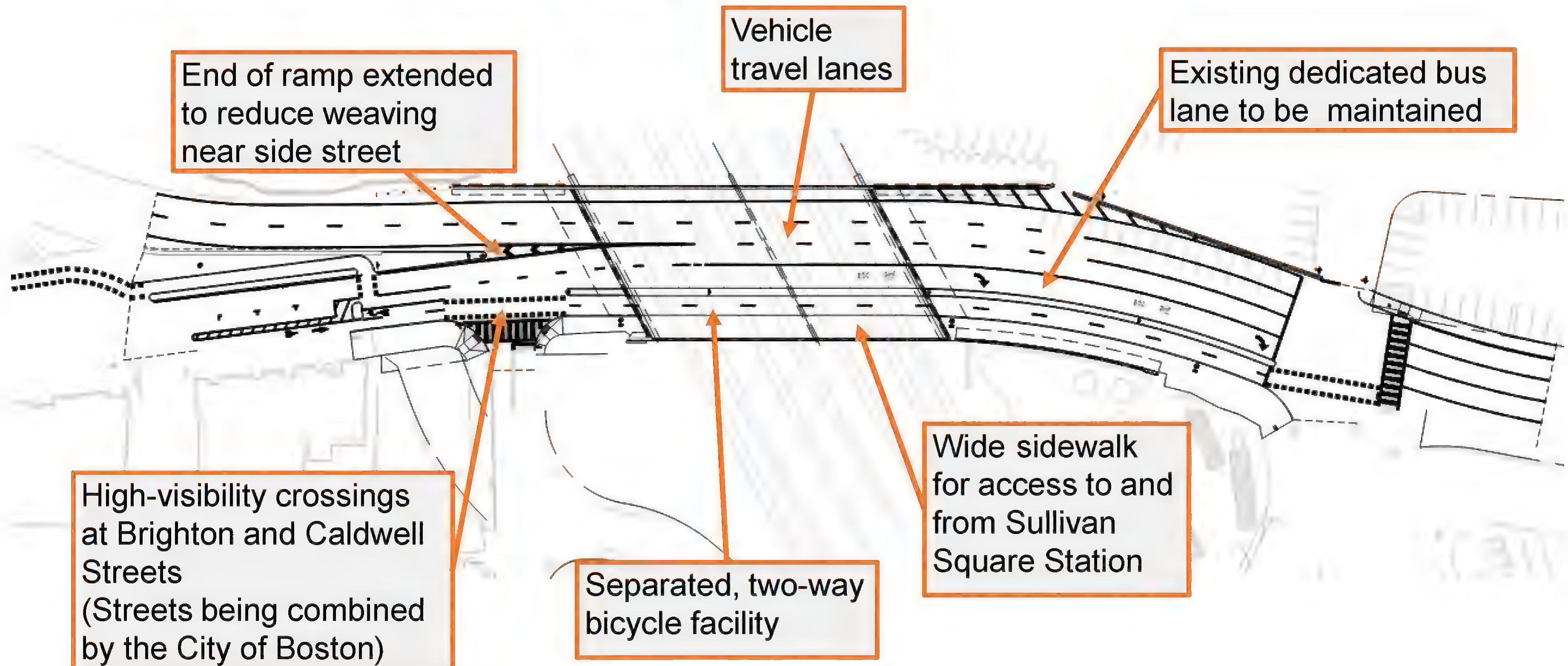
**What is the  
preferred  
alternative?**

## Proposed Bridge Section - Maffa Way (One Way – Eastbound)

- Integrate separate 10-foot wide two-way bike lane and 11'-10" (typ.) wide sidewalk.
- Provide dedicated bus lane and receiving lanes for I-93 ramp.

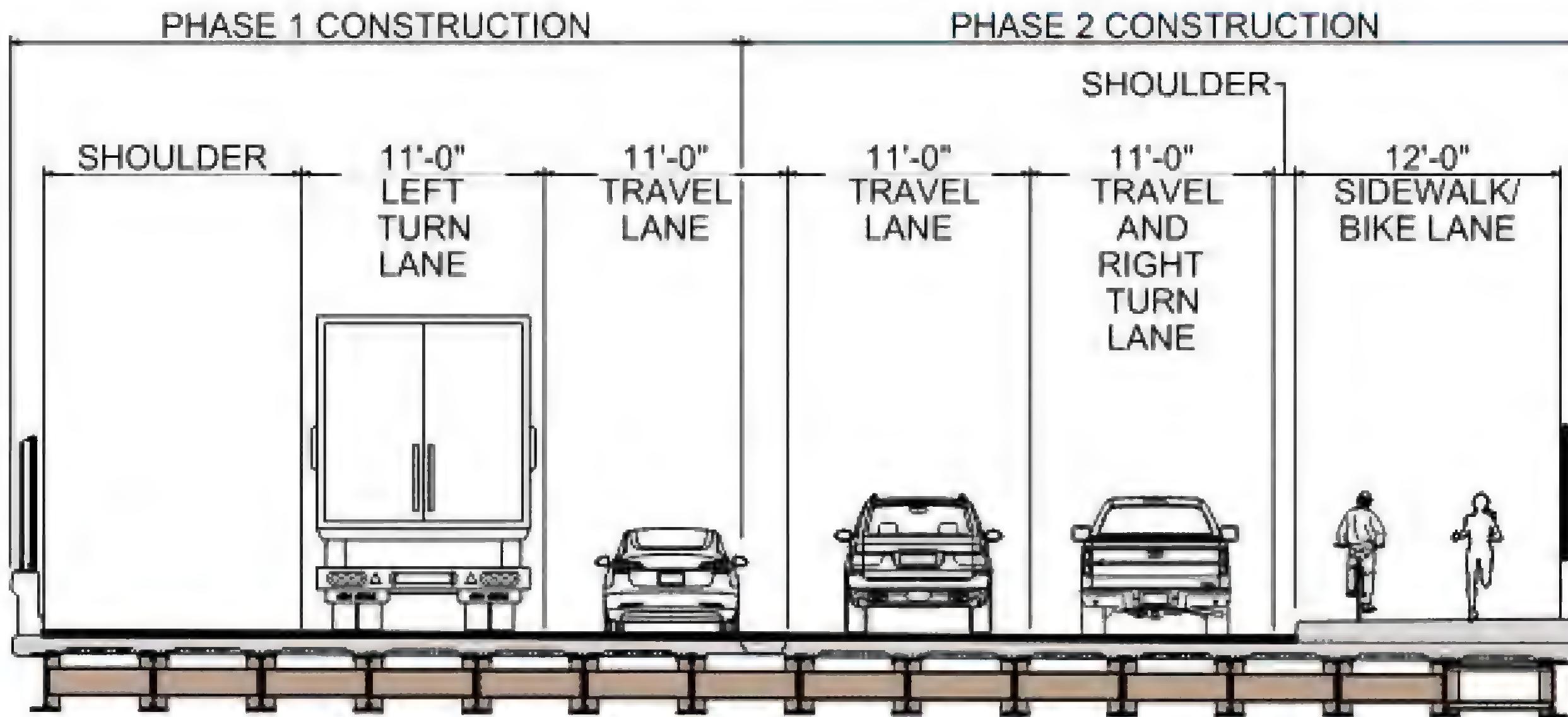


## Proposed Plan- Maffa Way

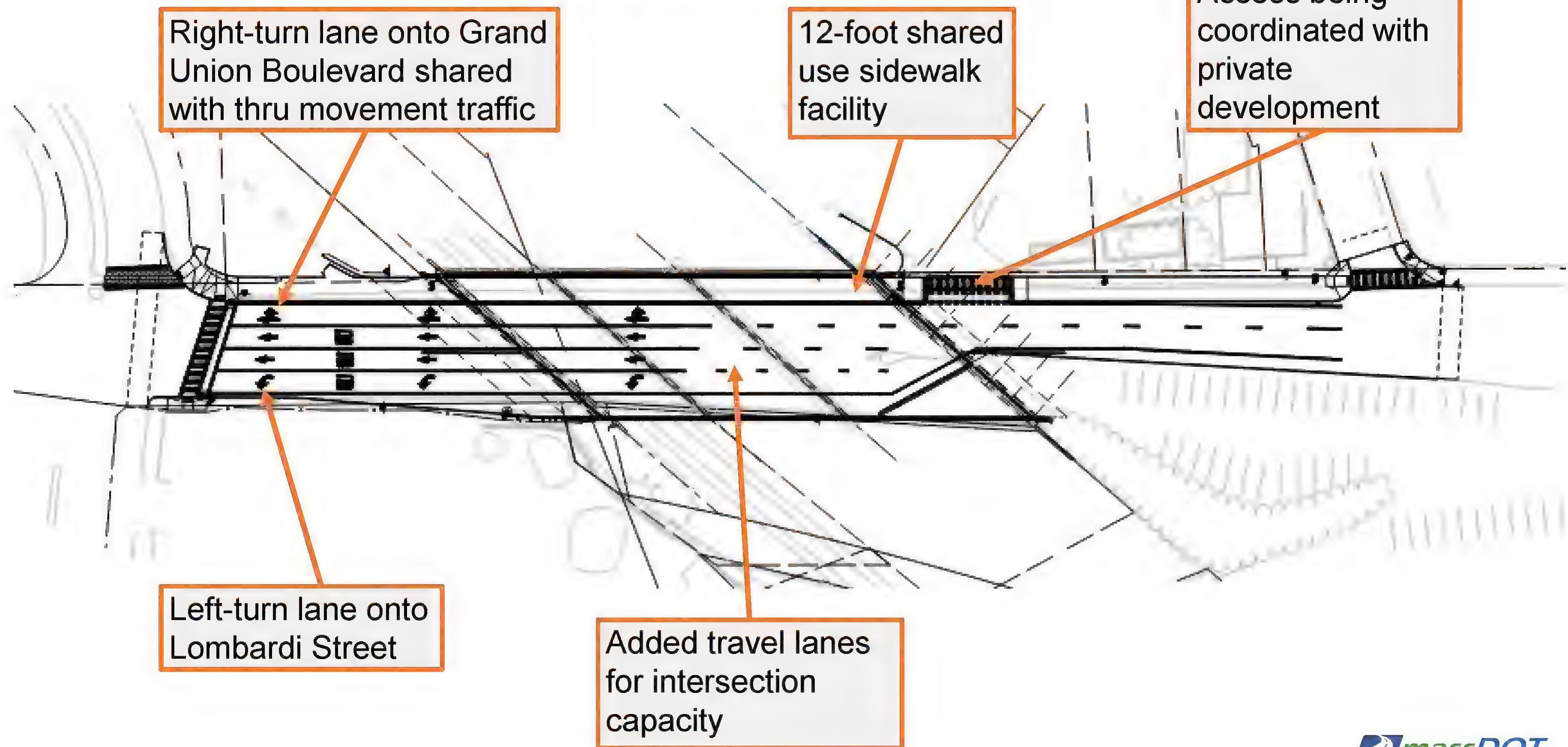


## Proposed Bridge Section – Mystic Avenue (One Way – Westbound)

- Incorporate a 12-foot shared use facility.
- Maintain turn lanes for capacity demand.



## Proposed Plan- Mystic Avenue

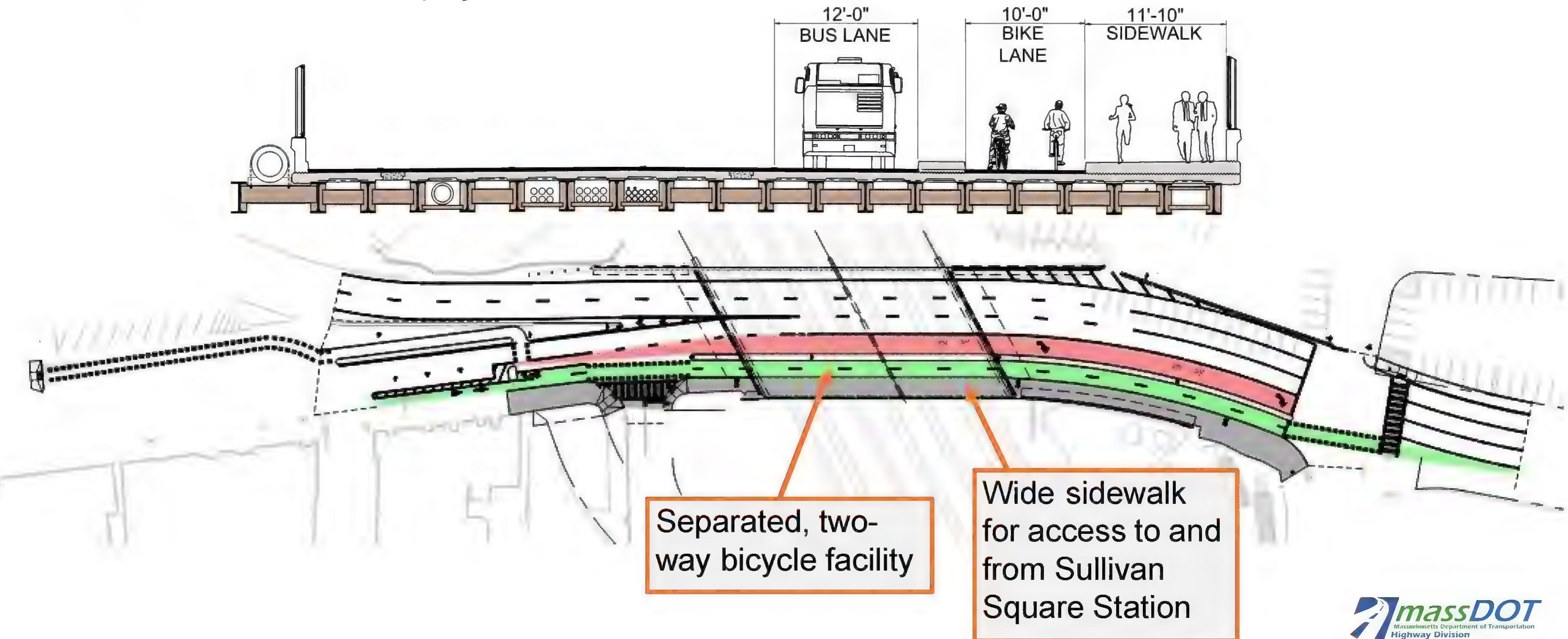




How will  
bicyclists and  
pedestrians  
be impacted?

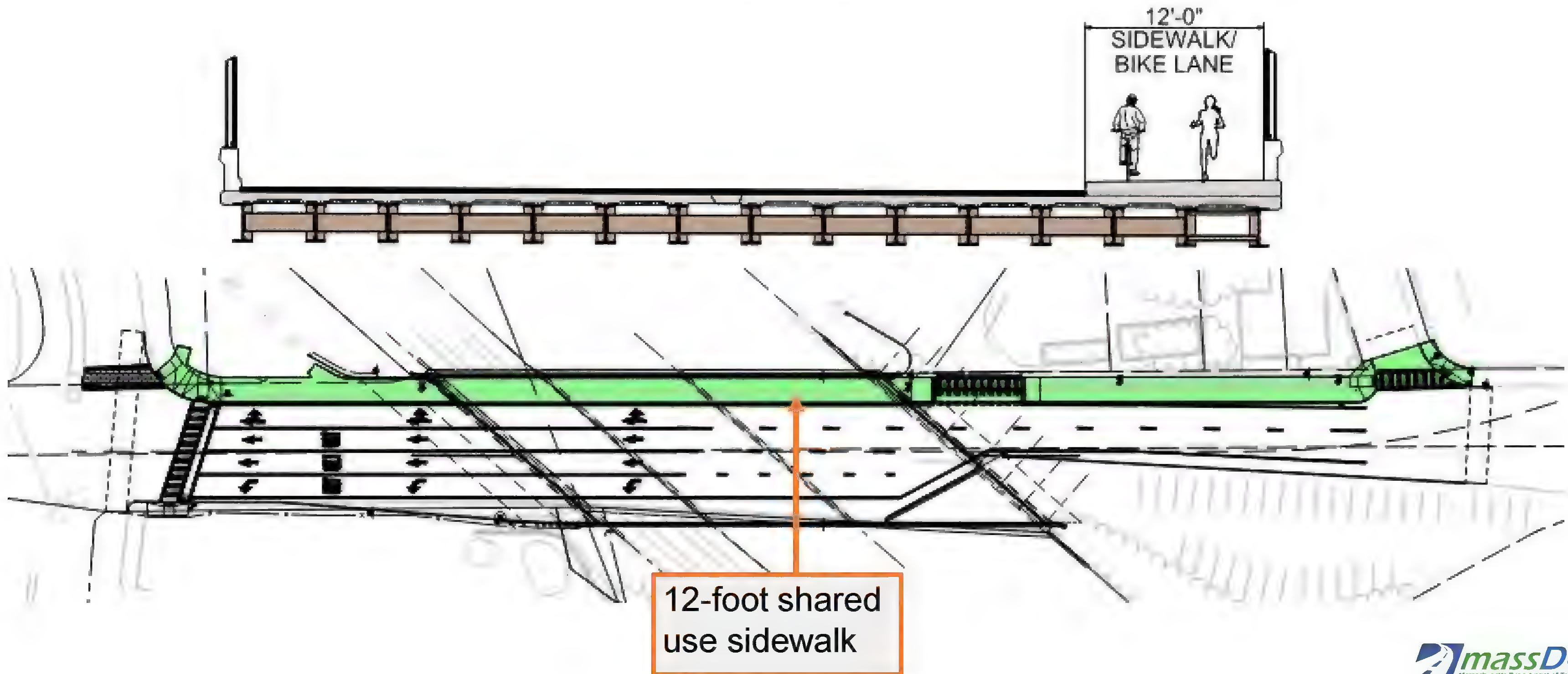
# Bicyclists and Pedestrians- Maffa Way

- 10-foot wide 2-way bike lane and 8-foot wide (min.) sidewalk from Lombardi Street to Sullivan Square Station.
- Connects to existing accommodations on Broadway. EB bike continues Maffa, with WB bike connecting to future Rutherford Avenue project.

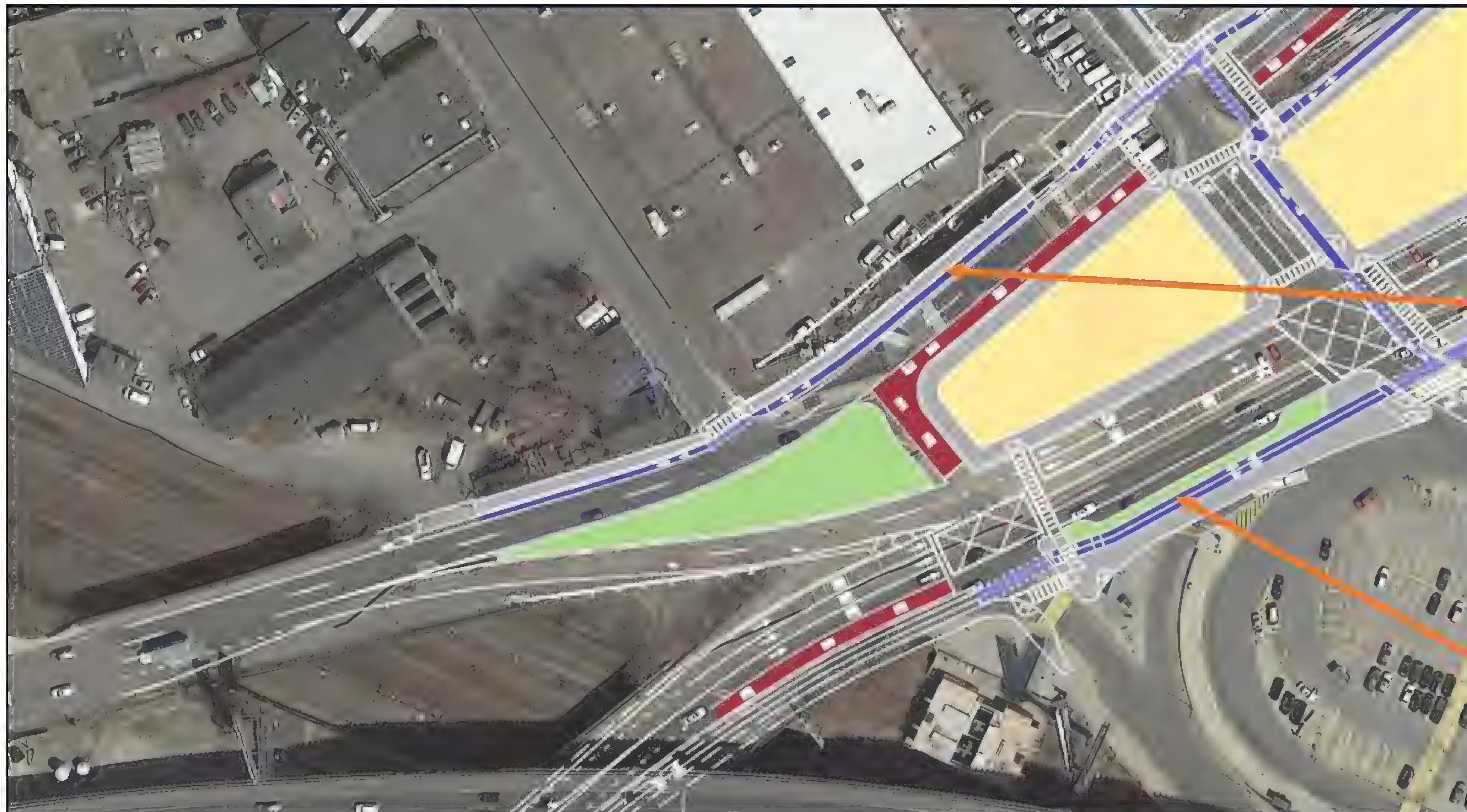


# Bicyclists and Pedestrians – Mystic Avenue

- 12-foot shared used sidewalk that begins from Grand Union Boulevard to Dorrance Street.
- Enhanced crossing at Lombardi Street. Connects to future accommodations from Rutherford Avenue project.



## Bicyclists and Pedestrians – Proposed Rutherford Avenue Project



Mystic Avenue to carry WB bicycle lane at sidewalk grade

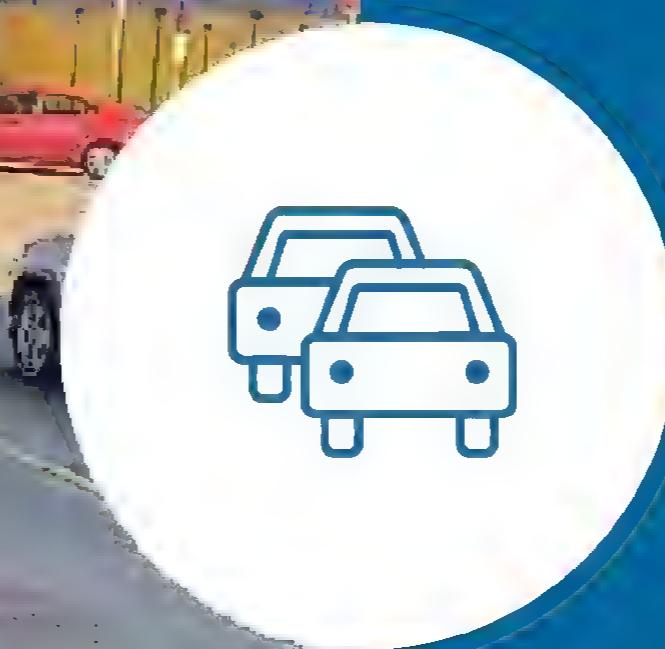
Two-way bicycle facility continues to/through Beacham Street



What are the  
environmental  
and cultural  
resource  
impacts?

## Environmental Impacts

- No anticipation of environmental impacts.
- Project is not within any wetland resources.
- National Environmental Policy Act (NEPA) – Federal Highway Administration/MassDOT



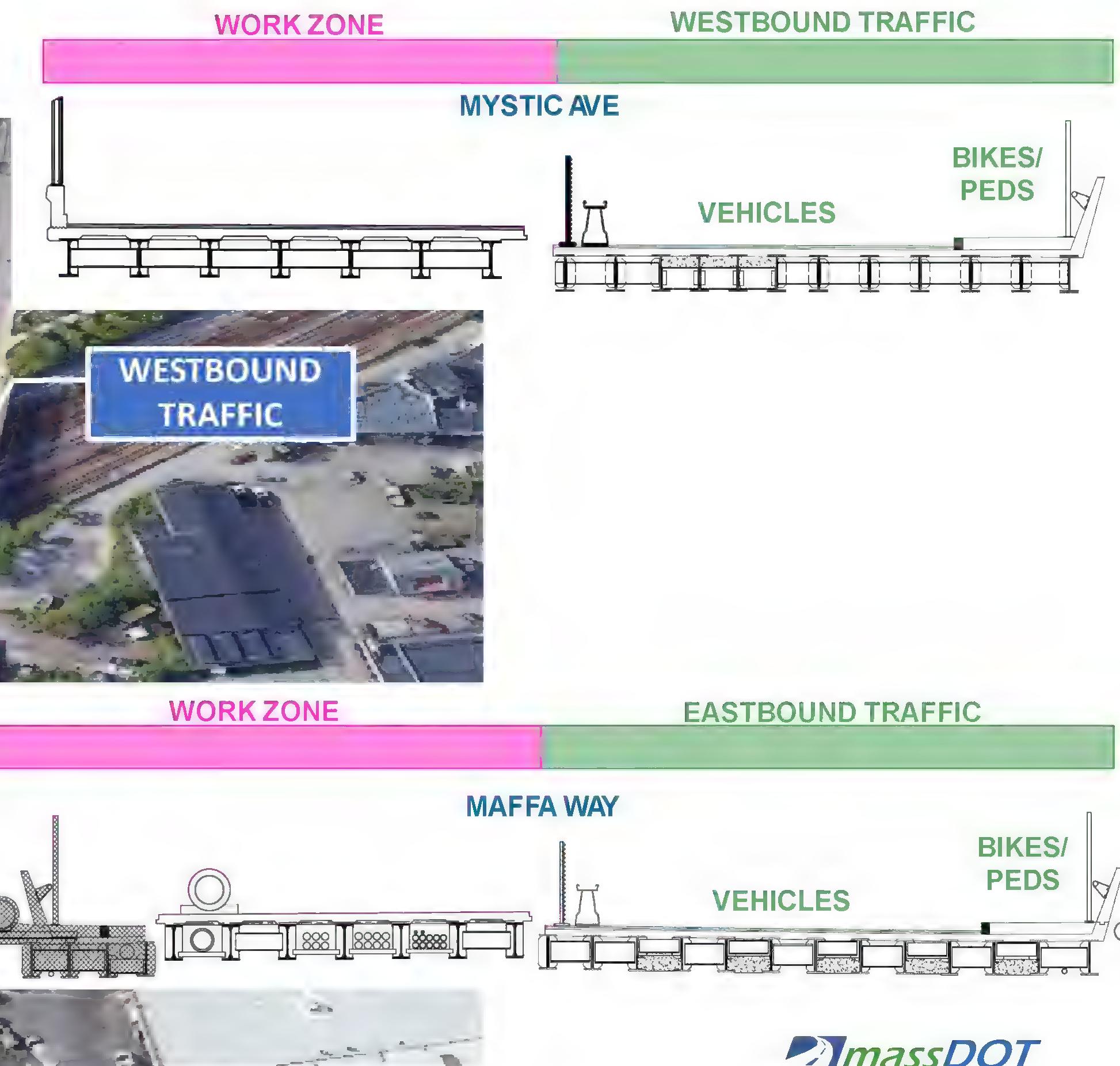
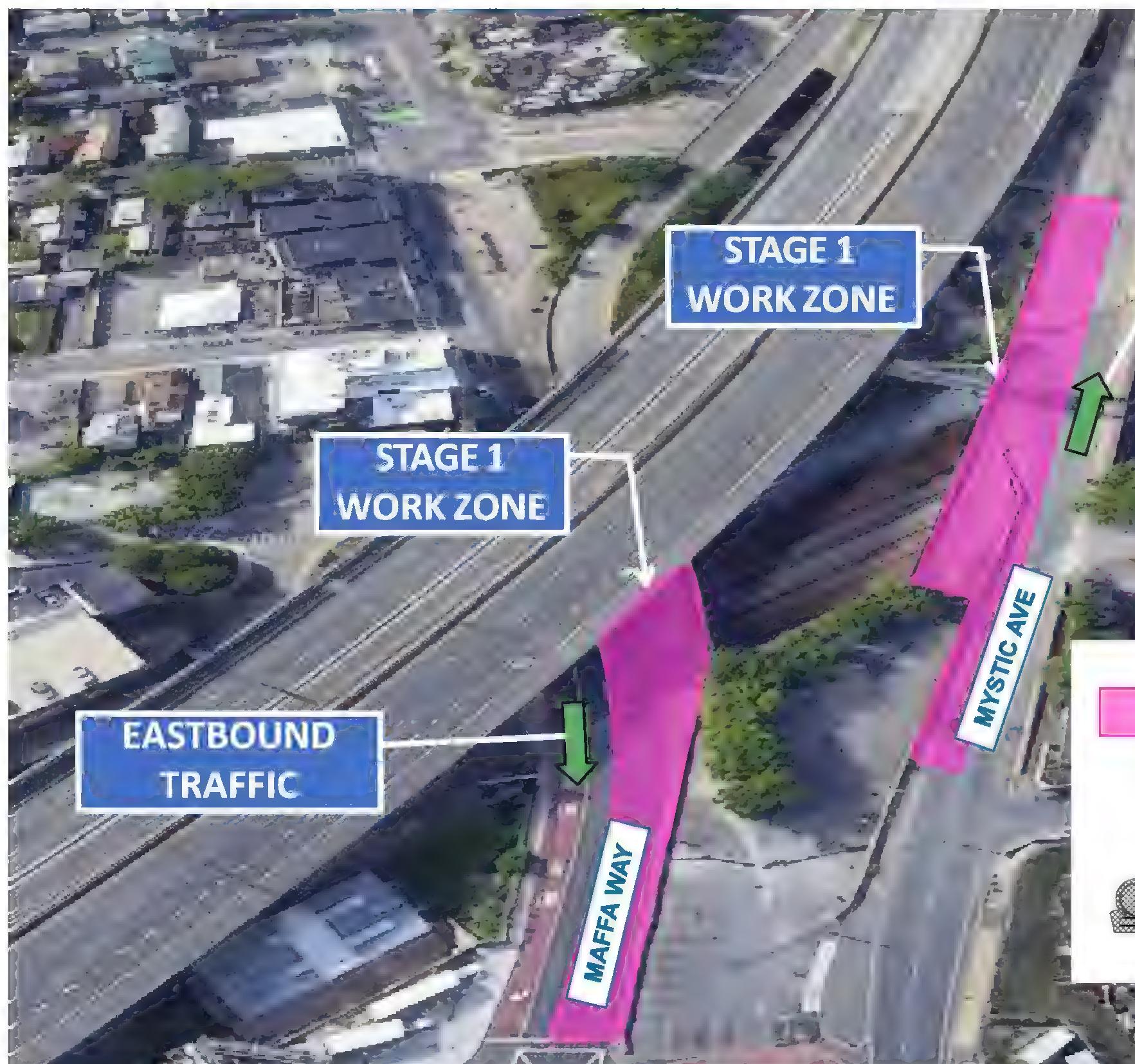
**How will the road user be affected?**

## Impacts to the Community

- Key project goal is to minimize impacts to the community during construction.
  - Working over the railroad will require much work to be completed during the nighttime and over weekends.
  - Local street access and available on-street parking will generally be maintained.
  - All phases of the construction will accommodate both pedestrians and bikes to the maximum extent practicable.
- Completed construction will provide a multimodal link between the cities of Boston and Somerville.

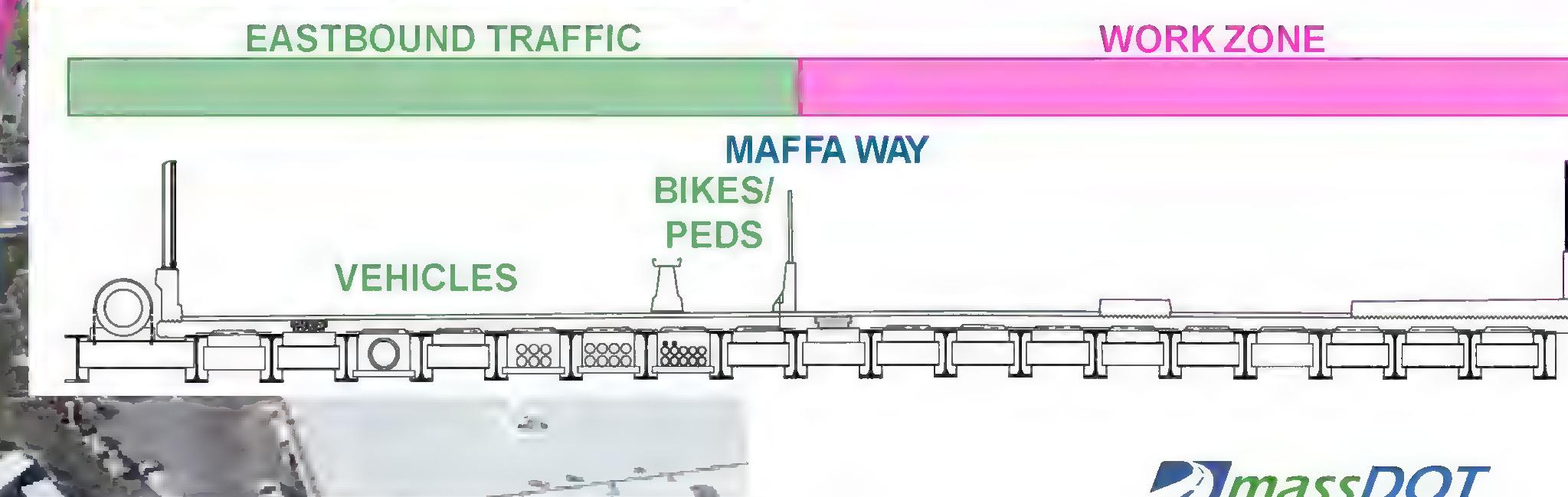
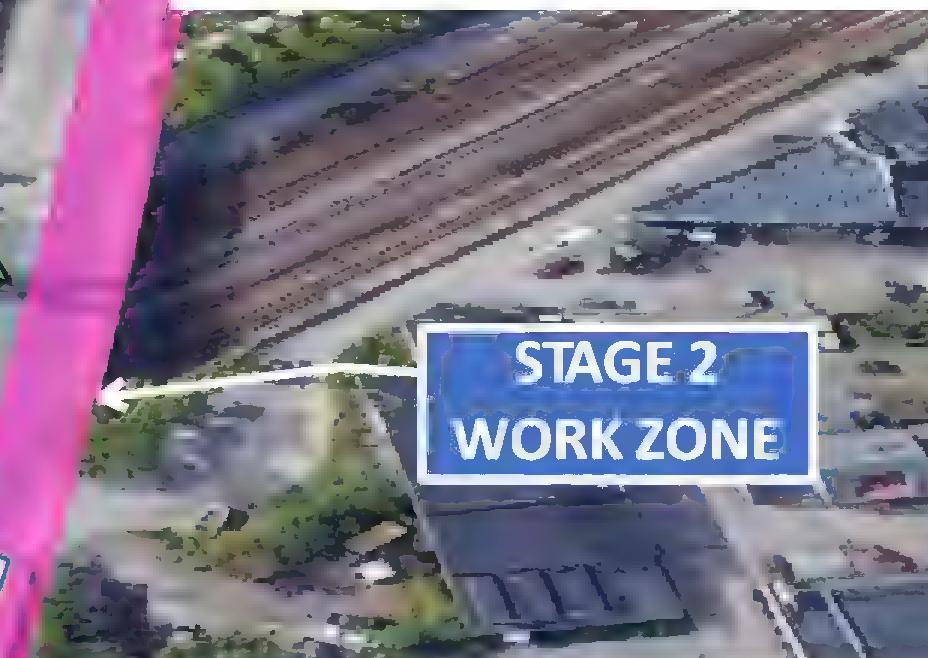
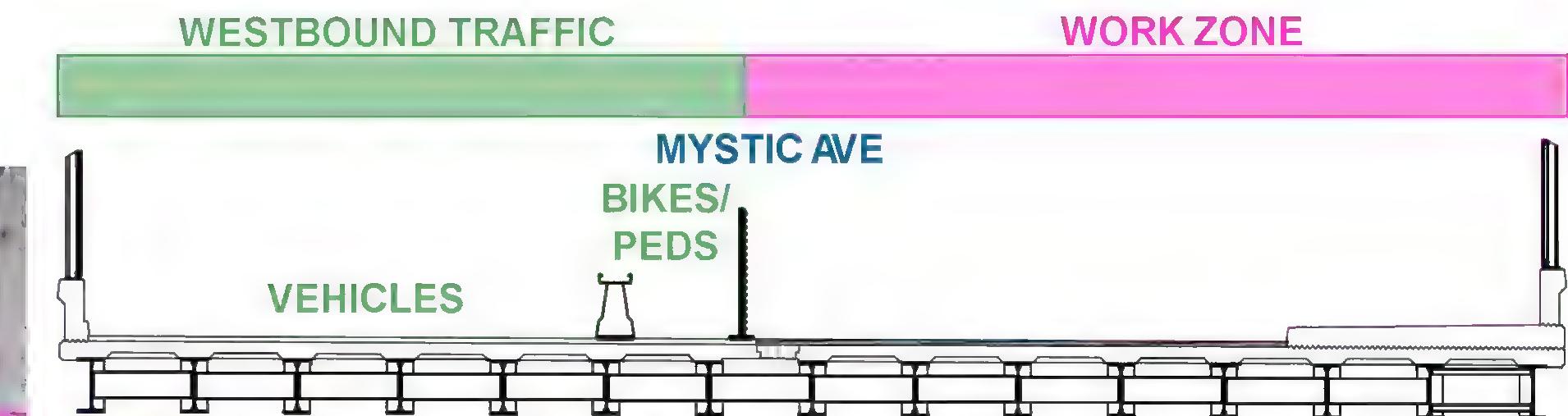
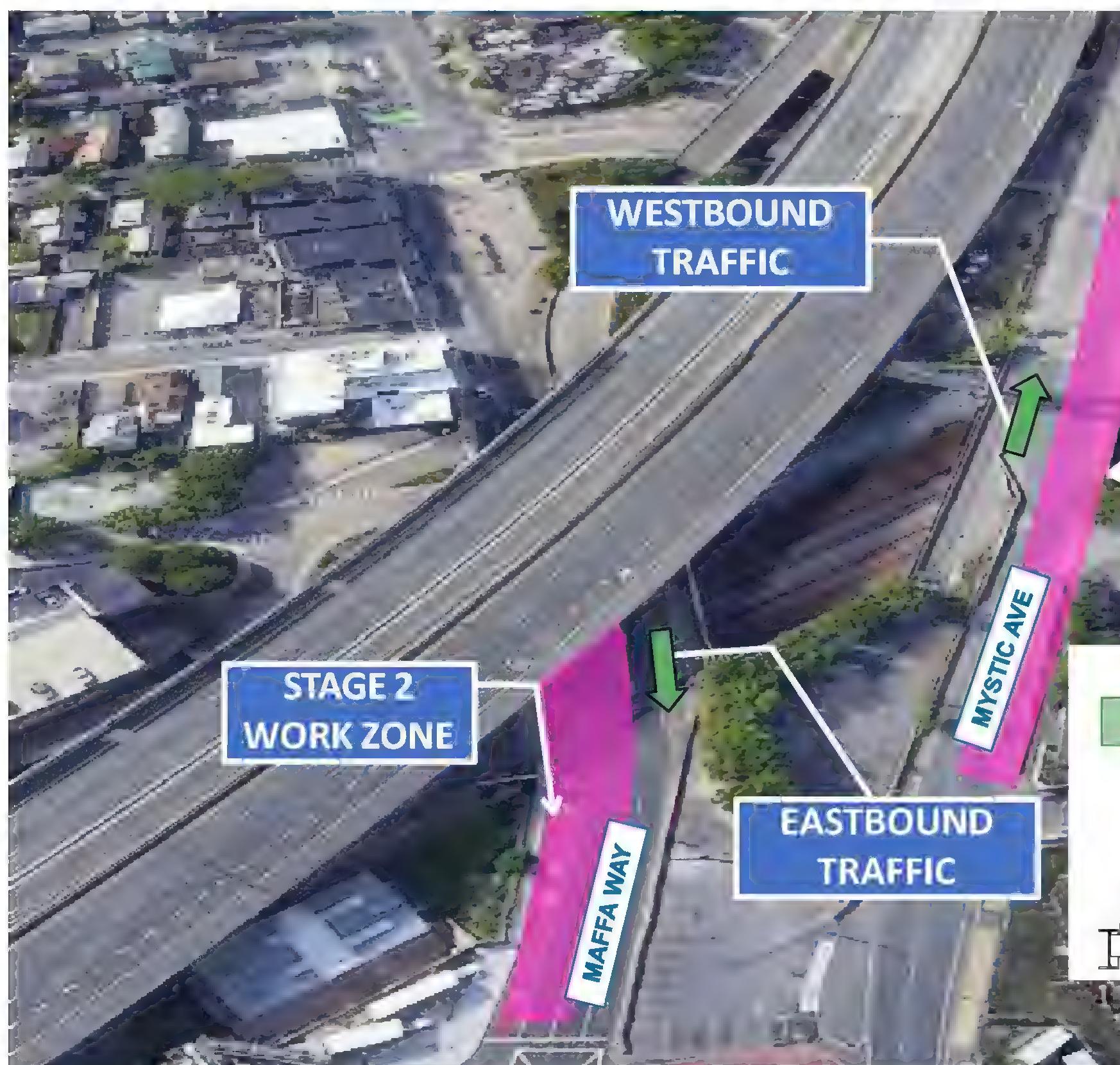
## Construction Stage 1

Maintain westbound traffic, pedestrians, and bicycles on north side of Mystic Ave. and eastbound traffic, pedestrians, and bicycles on south side of Maffa Way.



## Construction Stage 2

Maintain westbound traffic, pedestrians, and bicycles on south side of Mystic Ave. and eastbound traffic, pedestrians, and bicycles on north side of Maffa Way.





How will your  
property be  
impacted?

## Right of Way (ROW) discussion – 25% Design

- Responsible for acquiring all necessary rights in public land for design, construction, and implementation of a project.
- Affected property owners will be contacted by personnel from the ROW Bureau or consultants representing MassDOT.
- Procedures must comply with state and federal regulations governing the acquisition process.
  - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
  - If project receives federal funds, property owners are further protected under Title III of the Real Property Act of 1970, as amended.
- Fee takings, permanent easements, and/or temporary construction easements may be required.



**What is the  
construction  
approach?**

## Proposed project delivery method: Design-Build

- Combines design and construction services into a single contract
  - Authorized for Department use under MGL 149A, subsection 14-21
- Allows the contractor and designer to work together on all phases of the project to
  - Promote innovation
  - Reduce project costs
  - Expedite project delivery
- Best Value Design-Build (BVDB) Procurement
  - Project awarded based on the highest overall value considering both quality and cost.
  - Phase I – Short-list best qualified teams
  - Phase II – Submission of Technical and Price Proposals
- MassDOT's contract with the Design-Build Team will stipulate requirements for traffic management while also providing the Team flexibility to develop their own approach to staging.
- Incentives/Disincentives may be implemented to ensure compliance with contract timeliness.

# Our next steps



## Spring 2022

Request for Qualifications



## Summer 2022

Right-of-Way Procurement



## Summer 2022

Advertisement/  
Request for Proposals  
(RFP)



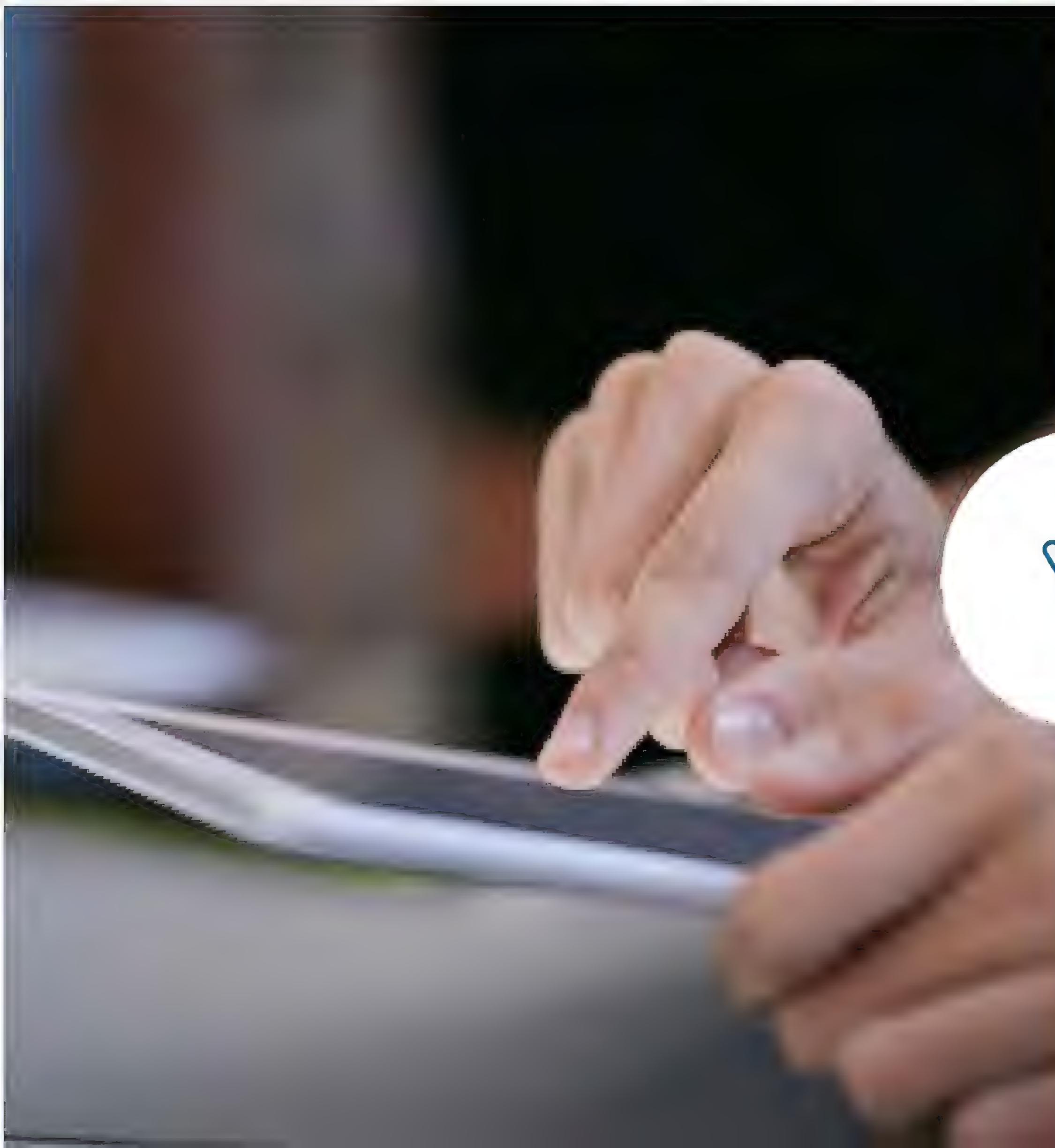
## Winter 2023

Contract Awarded to Design-Build Entity



## Summer 2027

Roadway and Bridges reach Full Beneficial Use (FBU)



**How will we  
keep you  
informed?**

# Contact Information

- MAIL: Submit comments to:

Carrie Lavallee, P.E.

Deputy Administrator / Chief Engineer

Suite 6340

10 Park Plaza

Boston, MA 02116

Attention: Project Management, Project File No. 607670



- EMAIL: Submit comments to:

[MassDOTMajorProjects@dot.state.ma.us](mailto:MassDOTMajorProjects@dot.state.ma.us)

Subject: MassDOT Project File No. 607670

- Statements and exhibits intended for inclusion in the public hearing transcript must be emailed or postmarked no later than ten (10) business days after the hearing is posted to the MassDOT website: [www.mass.gov/massdot-highway-design-public-hearings](http://www.mass.gov/massdot-highway-design-public-hearings)



Questions and  
discussion

# Questions and answers



- “Raise your hand” to be unmuted for verbal questions



- Submit your questions and comments using the Q&A button



- Please state your name before your question



- Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate



- To ask a question via phone, dial \*9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn.



- Please take a few minutes to complete the survey after the hearing to let us know how your experience was with this virtual hearing.

**All questions and comments are subject to disclosure for public records.  
Please use these functions for project related business only.**



# Thank You

*Maffa Way & Mystic Ave. over  
MBTA Orange Line and  
Commuter Rail*

Virtual Public Hearing | Wednesday, March 2, 2022 | 6:00 p.m. – 8:00 p.m.

Project File No. 607670

Project Manager: Alwin T. Ramirez

